(Prior Art)

Figure 1
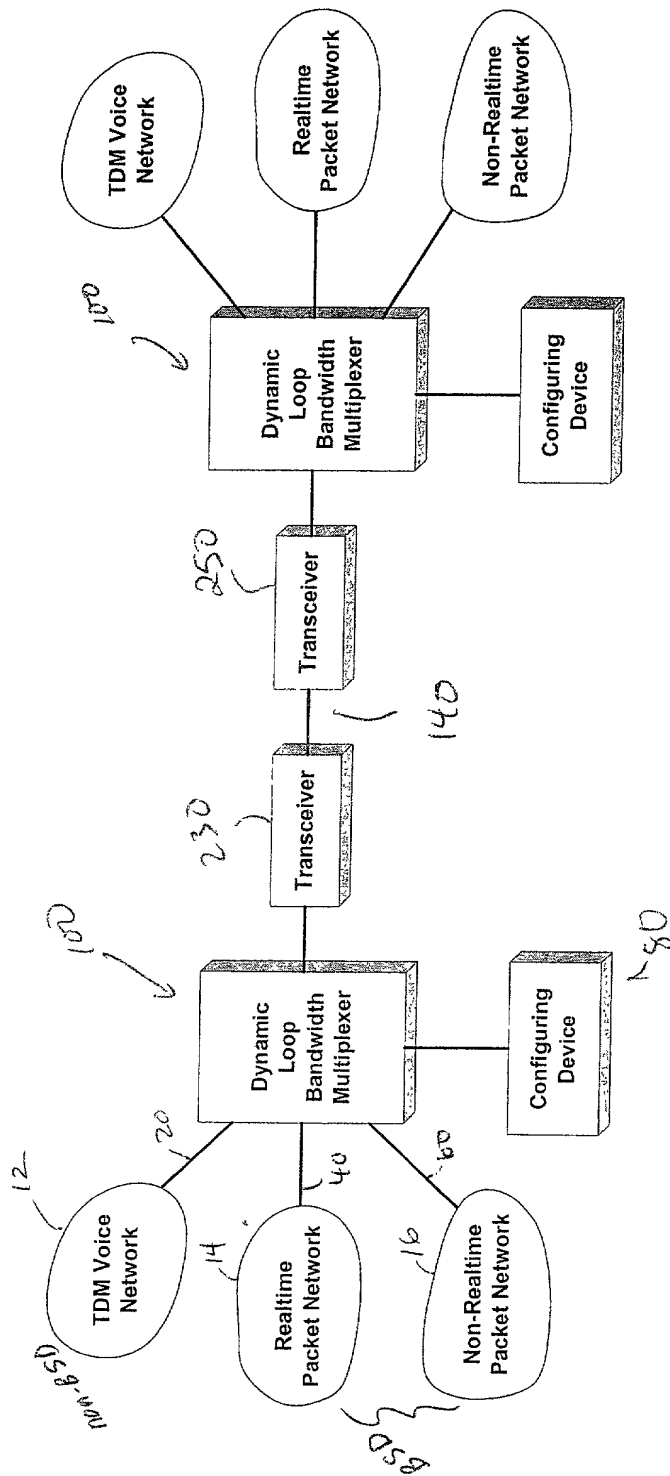
Figure 2
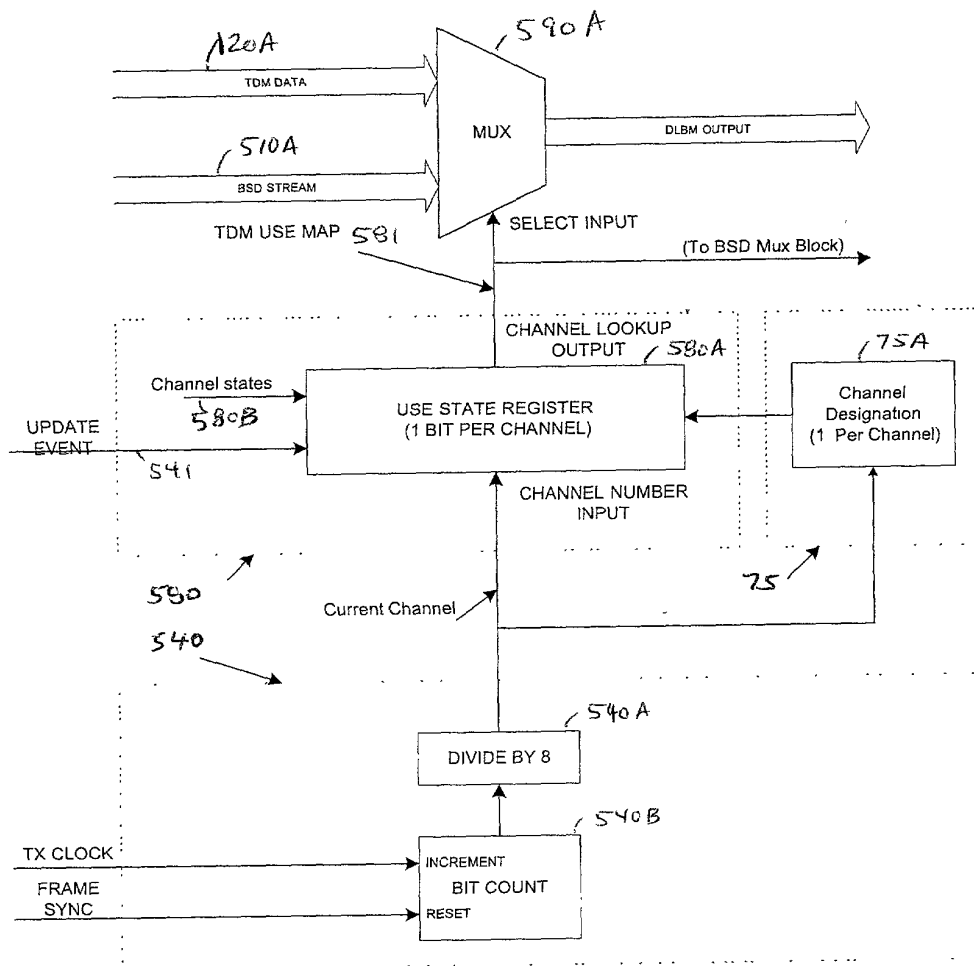
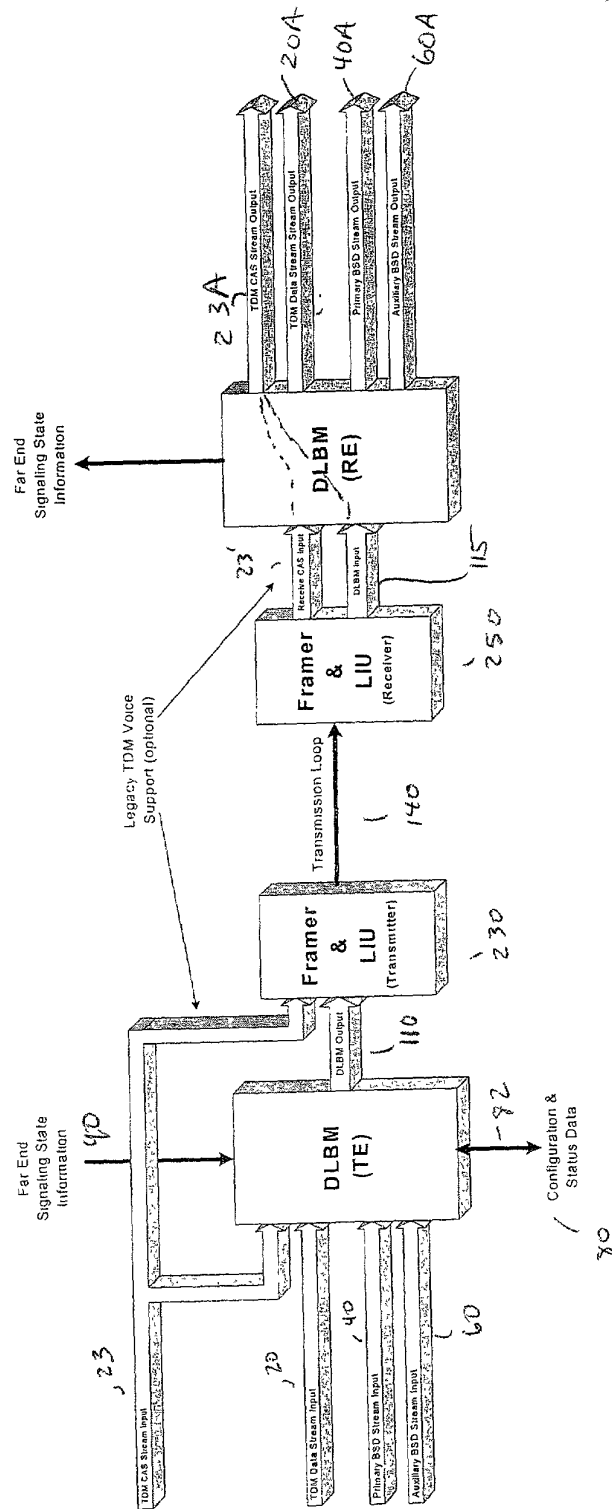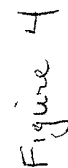Figure 3
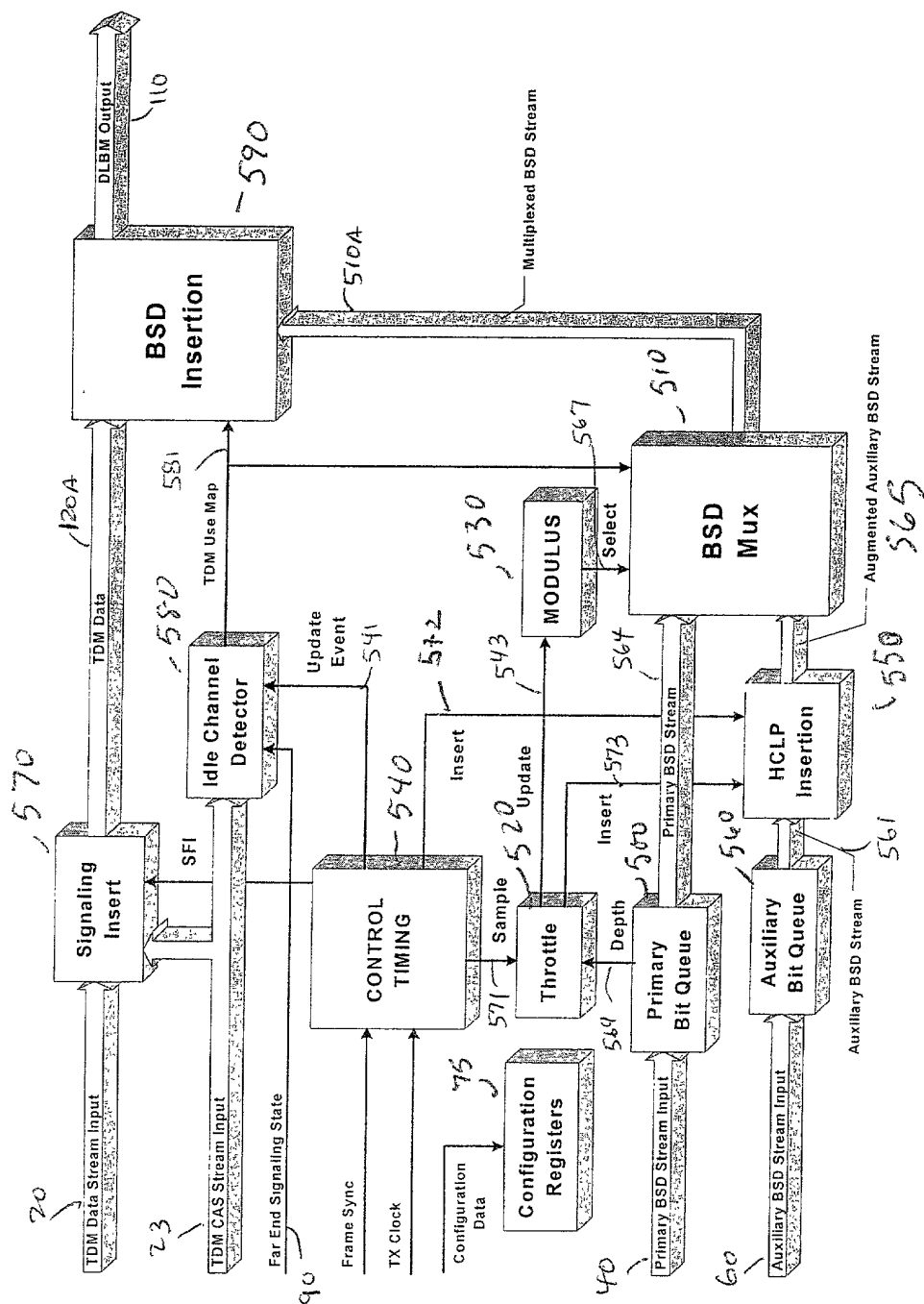
Figure 4

Figure 5

Figure 6

TS1	TS2	TS3	TS4	TS5	TS6	TS7	TS8	TS9	TS10	TS11	TS12	TS13	TS14	TS15	TS16	TS17	TS18	TS19	TS20	TS21	TS22	TS23	TS24
P8	P2 A6	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

MULTIPLEX ELIGIBLE — BSD ALLOCATED
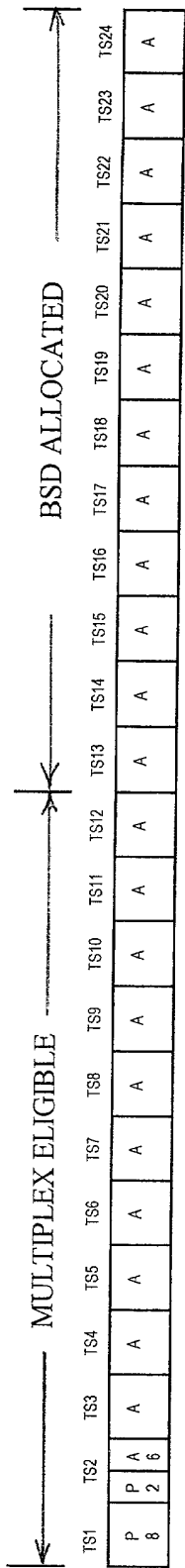
P = PRIMARY; A = AUXILIARY
MODULUS = 10
TS1 to TS12 = IDLE

Figure 7

TS1	TS2	TS3	TS4	TS5	TS6	TS7	TS8	TS9	TS10	TS11	TS12	TS13	TS14	TS15	TS16	TS17	TS18	TS19	TS20	TS21	TS22	TS23	TS24
T	T	T	T	T	T	T	T	P8	T	T	T	P2 A6	A	A	A	A	A	A	A	A	A	A	A

MULTIPLEX ELIGIBLE — BSD ALLOCATED
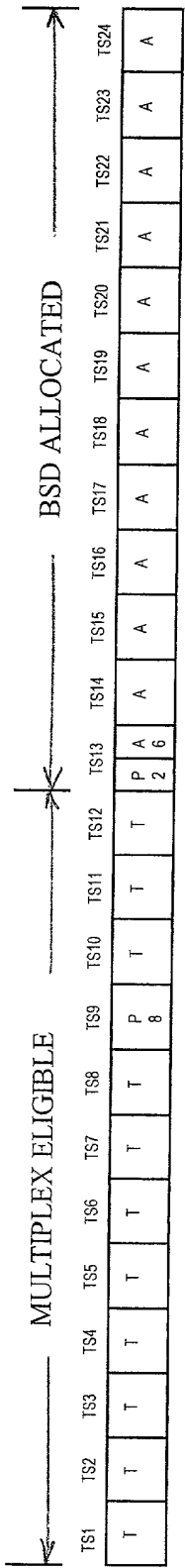
P = PRIMARY; A = AUXILIARY; T = TDM
MODULUS = 10
TS1 to TS8 = ACTIVE; TS9 = IDLE; TS10 to TS12 = ACTIVE

Figure 8

Figure 9

556

556a

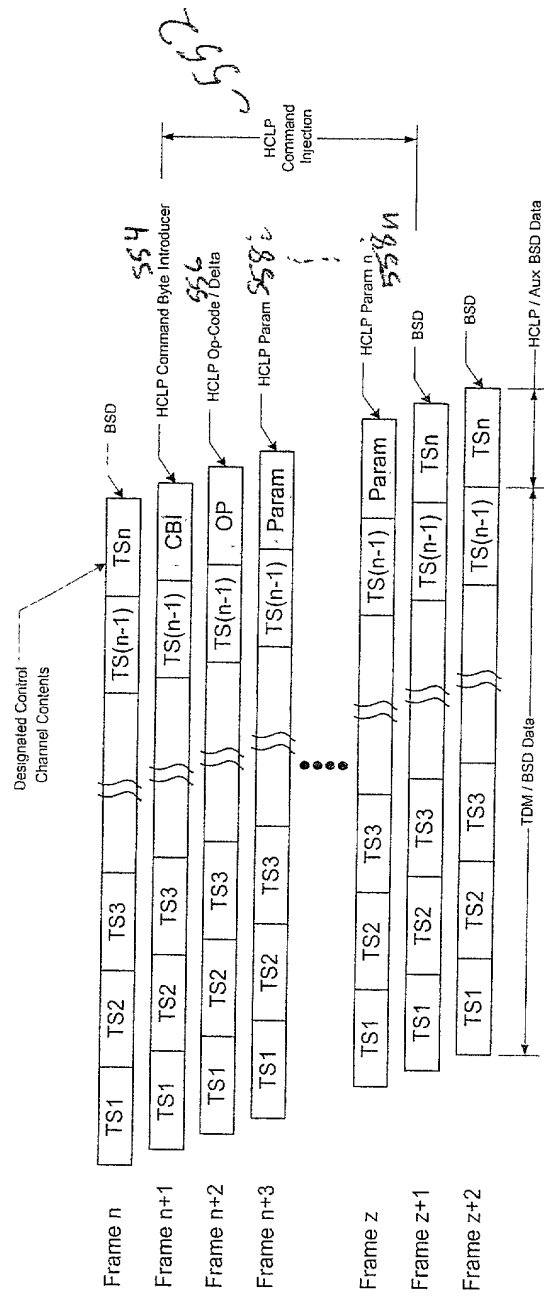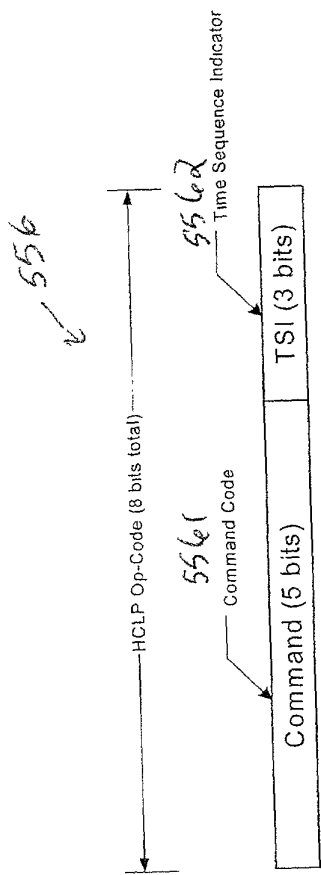Time Sequence Indicator
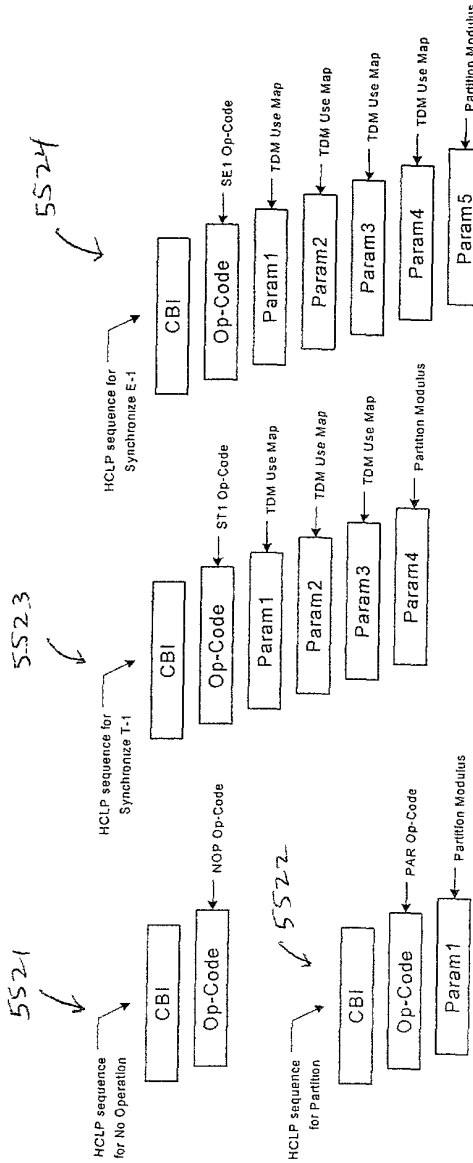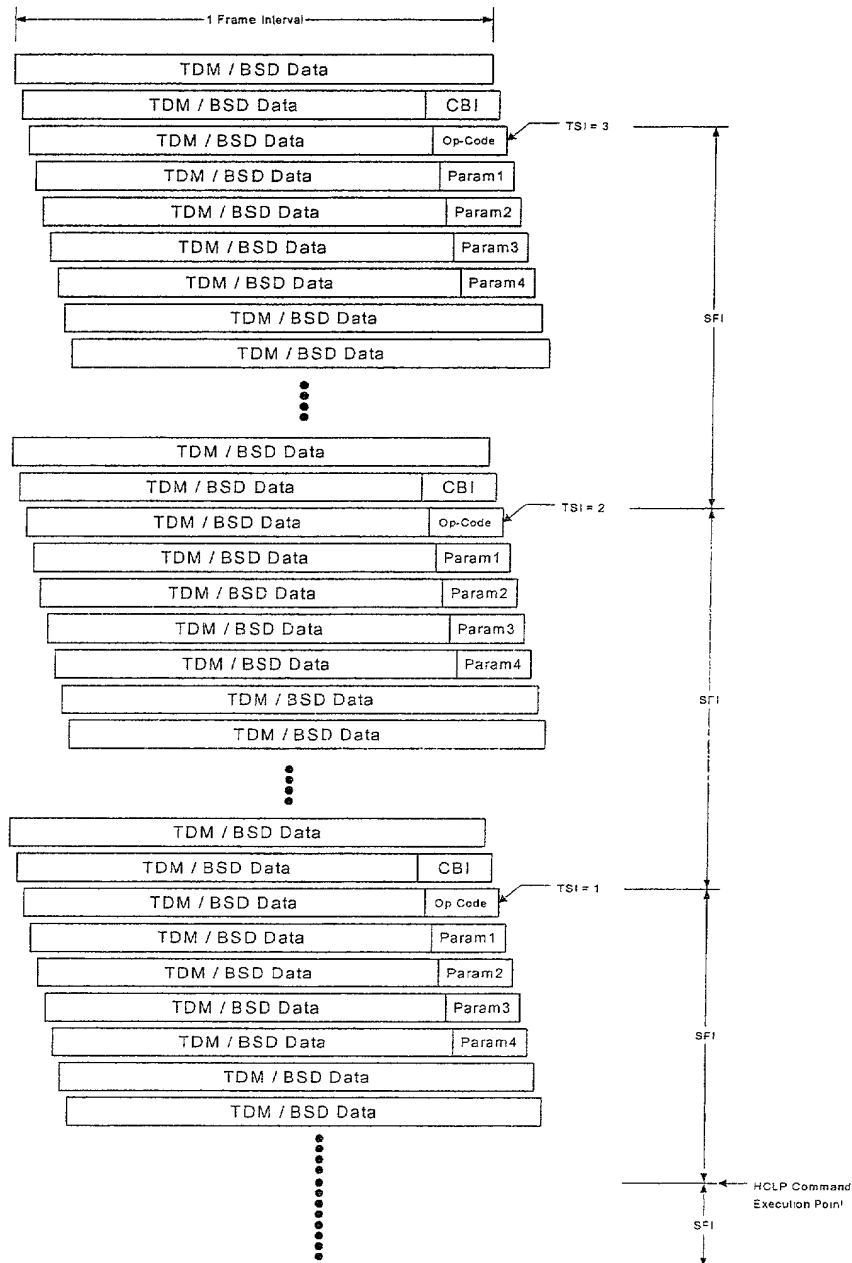
HCLP Op-Code (8 bits total)

556b

Command Code

Command (5 bits)	TSI (3 bits)

Figure 10

Figure 11

|←——————— 1 Frame Interval ———————→|

TDM / BSD Data	
TDM / BSD Data	CBI

| TDM / BSD Data | Op-Code | ← TSI = 3

TDM / BSD Data	Param1
TDM / BSD Data	Param2
TDM / BSD Data	Param3
TDM / BSD Data	Param4
TDM / BSD Data	
TDM / BSD Data	

SFI

TDM / BSD Data	
TDM / BSD Data	CBI

| TDM / BSD Data | Op-Code | ← TSI = 2

TDM / BSD Data	Param1
TDM / BSD Data	Param2
TDM / BSD Data	Param3
TDM / BSD Data	Param4
TDM / BSD Data	
TDM / BSD Data	

SFI

TDM / BSD Data	
TDM / BSD Data	CBI

| TDM / BSD Data | Op Code | ← TSI = 1

TDM / BSD Data	Param1
TDM / BSD Data	Param2
TDM / BSD Data	Param3
TDM / BSD Data	Param4
TDM / BSD Data	
TDM / BSD Data	

SFI

← HCLP Command
Execution Point

SFI

Figure 12

├───────────────── 1 Frame Interval ─────────────────┤

TDM / BSD Data

| TDM / BSD Data | CBI | ←── Coincident CBI Event
|---|---|

| TDM / BSD Data | NOP | ←── Forced Command Insertion
|---|---|

CBI code appears as BSD data in this
frame if more than one time slot is
allocated to Auxiliary BSD

CBI code appears as BSD
data in this frame if no other
time slots are allocated to
Auxiliary BSD

TDM / BSD Data	(BSD)

Figure 13

| CBI | ←── Coincident CBI
|---|
| COP | ←── Continue Op-Code
|---|
| ←── Start of new SFI
| Op-Code | ←── Scheduled Op-Code
|---|

Figure 14

| CBI | ←── Coincident CBI
|---|
| COP | ←── Continue Op-Code
|---|
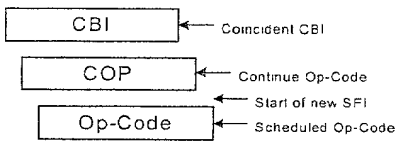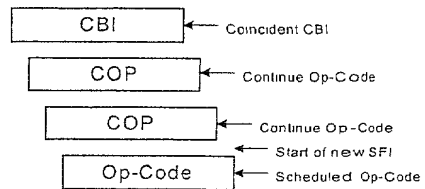| COP | ←── Continue Op-Code
|---|
| ←── Start of new SFI
| Op-Code | ←── Scheduled Op-Code
|---|

Figure 15

Figure 16

Figure 17